OOK

h	Depth 6	Contents 7	Reference to last Measurement 8

I st And Final Bill Work code - 005-17-000004

SBR = 106/16-17 Est cost Rs - 40.00 Lacs

18/11/16

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. 262419

Name of Work ..... Drilling & Borewell and Providing Pump and Motor Bellahalli in Ward no 05 Byatarayanapura From ..... To .....

Name of Contractor of nature of Agency ..... M/S KRIIL ..... Sub division

Date of commencement of work ..... East Parts Road Malleshwaram. B.Lve. 03

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. BBMP/EE/BTP/WO/129/2016-17						
	(1) Geophysical investigation & site for sinking borewell for supplying drinking water to the habitation either through the hand pump MWS or PWSS by vertical electrical sounding by adopting Venner or Schlumbergers method including reconnaissance survey & geological formation geological investigation & Existing ground water in vicinity its quality quantity and acceptability & the users indicating the location & the						

BR 65/29/9/16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recommended depth of Casing Pipe required to seal off top unconsolidated formation including an extra depth of 10 Mtr in Consolidated formation for Proper Seating of Casing Pipe depth of Drilling required to cover the depth of annular Accessories to whole size engg. -ering Technical Personal and Labour etc - Complete.						
	① Palanahally	1	-	-	-	1	
	② Chokkanahally Layout	1	-	-	-	1	
	③ Balaji Enclave	1	-	-	-	1	
	④ Reliance Colony	1	-	-	-	1	
	⑤ Ayappa Badavane	1	-	-	-	1	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate - 1938 : 46
	② Sinking of bore hydraulic rig & and above in all 20 Mtr fixing of casting threads & rig and suppor

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ng pipe dreamed to seal the sion including on existing sed formation for proper sh & drilling reamed to accessories to wherever and casing etc. complete.			
–	–	1	
–	–	1	
–	–	1	
–	–	1	
–	–	1	
–	–	1	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262420

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Rate - 1938:46					5 No.	9692:30
(2)	Sinking & bore well & 165 mm dia clearing Super fast hydraulic rig & capacity 250 PSI & above 900 CMF and above in all strata including overburden up to 20 Mtr fixing & casing pipes covers and cap with necessary cutting threading and welding including transporting & rig and supporting vertical crew charges and cost &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Consumsies ese.. Compress including yield fessing as the final depth with minimum wareing & compressor for one hour (excluding cost & Pipes cocems cost ese..) 0.00 to 50.00 MW						
	① Palamahaay	1	50.00	-	-	50.00	
	② Chokkamahaay layout	1	50.00	-	-	50.00	
	③ Balaji Enclave	1	50.00	-	-	50.00	
	④ Sepanee Colony	1	50.00	-	-	50.00	
	⑤ Ayappa Badavane	1	50.00	-	-	50.00	
						250.00 MW	78795.00
	Page 315:18						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
③	50 to 100 MW	
	①	
	②	
	③	
	④	
	⑤	
	Page 412:00	
④	100 to 150 MW	
	①	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
e including yield fessing			
inimum working & compre-			
ding Cast & Pipes Concrete			
–	–	50.00	
–	–	50.00	
–	–	50.00	
–	–	50.00	
–	–	50.00	
–	–	50.00	
		250.00 MW	78795:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262421

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) 50 to 100 MW						
	(1)	1	50.00	–	–	50.00	
	(2)	1	50.00	–	–	50.00	
	(3)	1	50.00	–	–	50.00	
	(4)	1	50.00	–	–	50.00	
	(5)	1	50.00	–	–	50.00	
						250.00 MW	103000:00
	(4) Rate 412:00 100 to 150 MW						
	(1)	1	50.00	–	–	50.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	②	7	-	-	-	7	
	③	7	-	-	-	7	
	④	10	-	-	-	10	
	⑤	10	-	-	-	10	
						40 no.	
	Page 154 : 50						6180 : 10
⑫	Supply and delivery at site of brand new/ref/demo/inno/ Kusi/Sasar/Atlanta/Calamal/Waterman/Radha make Suitable HP deep well Submersible pumpsets for vertical discharge in 100 dia borewells Comprising of Suitable stage or multi stage CI pump close						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	coupled by means HP Suitable Speed drinking water S Suitable for operat fixed with requir suction fittings S the pump and motor the required fitting ① Palanahary	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
–	7	
–	7	
–	10	
–	10	
	40 no.	6180=00
	Shade	
	and new Reno/inno	
	laser man / Radia	
	Submersible pumpset	
	dia Borewell Compe-	
	stage CI Pump close	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262425

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Coupled by means of Stainless Steel Coupling to Sewerage HP Sewerage Speed Rotary enclosed and sealed with Pure drinking water Squirrel Cage Submersible inducer motor Sewerage for operation of 3Ph 50 x 2 380/440 volts AC supply fitted with required accessories such as suction casing Suction Strainers Sand Guard Non Return Valve etc. Complete the Pump and Motor shall form an integral unit with all the required fittings 15.00 HP 25 Stage.						
	① Palanahalli	1	–	–	–	1	

20/11/20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Chokkanahally Layout	1	–	–	–	1	
	(3) Balaji Enclave	1	–	–	–	1	
	(4) Defence Colony	1	–	–	–	1	
	(5) Ayappa Badavane	1	–	–	–	1	
						500.	
	Page 75541 = 17						377705 = 8
	Checked.						
	We: 20/11						Chandra 14/11/16
(13)	Providing laying and joining GI Pipes Conforming to IS Specification & approved make with fittings such as coupling, bends, elbows, tees, nipples, plug with cast threads using white lead and threads for joint						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Whenever necessary and wherever else.. Complete	
	50 mm dia GI Pipe.	
	Palanahally (1)	5
	Chokkanahally Layout (2)	5
	Balaji Enclave (3)	4
	Defence Colony (4)	5
	Ayappa Badavane (5)	4

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Page - 223 : 66					479.25 M3	107189 : 06
(37)	Providing and installing GI sluice valve 63 mm (0.062) PVC Pipes & 6 kg/cm² including cost & Pipes and specials and casings including lowering into trenches laying true to line level and perfect jointing as joints leak proof including sealing & approved type with all casings and lost charges handling charges including encasing the Pipe all round in a depth not less than 15 cms with Cement or selected earth/murrum from the excavation even compress as per specification.						As per Pre-M Page no.. 262 Page - 352 : 98
(38)	Refilling all trenches laying not exceed depressed layer up to GL and compress as per						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

OK

Depth 6	Contents 7	Reference to last Measurement 8
	479.25	3 M 107189 : 06
e & work		63mm (0.662
ers & Pipes and specials		
to trenches laying the		
es joints leak proof		
e with all casons and		
including encasing the		
less thereof with		
ce from the excavation		
on.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

262440

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	As per Pre-measurment recorded vide page no.. 262475 to 262478 in this MB. Page. 352:98					1420.00 MSV	501231:60
(38)	Resiving antiable earth around Pipelines. Cases in layers not exceeding 20cms. in depth compacting each deposited layer by ramming upper watering with sand upto 90 MSV and lots upto 1.90 MSV including cost & all casons Compacte as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide Item No. (36)					479.25 M3	28448 : 28
	Rate 59:36						
	Add Bescom Deposit to Bore wells						
	a) Paid to Bescom towards Application Fees						
	5 x 100:00 =						500:00
	b) Paid to Bescom Towards 2 months minimum deposits.						
	5 x 7800:00 =						39000:00
	c) Paid to Larson and Tubro limited towards						
	Purchase of Energy electric meter						
	5 x 2444:00 =						12220:00

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Add 8 %	
	Add 1 %	
	Certificate.	
	1) Certific	
	2) This bi	
	& Previ	

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ಇ.ಬಿ.ಎಂ.ಡಿ. ಬ್ಯಾಟರಾಯನ

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
	36	479.25	3 M 28448 = 28
ne wells			
tion Fees			
5 x 100 = 00	=		500 = 00
mowing minimum			
5 x 7800 = 00	=		39000 = 00
o limited towards			
e meter			12220 = 00
5 x 2444 = 00			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262441

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total Rs -		~~3663123=00~~ 36.62510 - 00
	Add 8 % KRIDL charges				Rs -		293000 = 00
	Add 1 % Third Party Inspection Charges				Rs -		36625 = 00
					Total Rs -		3992804 = 00 3992135 = 00

Certificate.

1) Certified that the work done is satisfactory.

2) This bill amounts has not been claimed in any previous bill.

18/11/2016

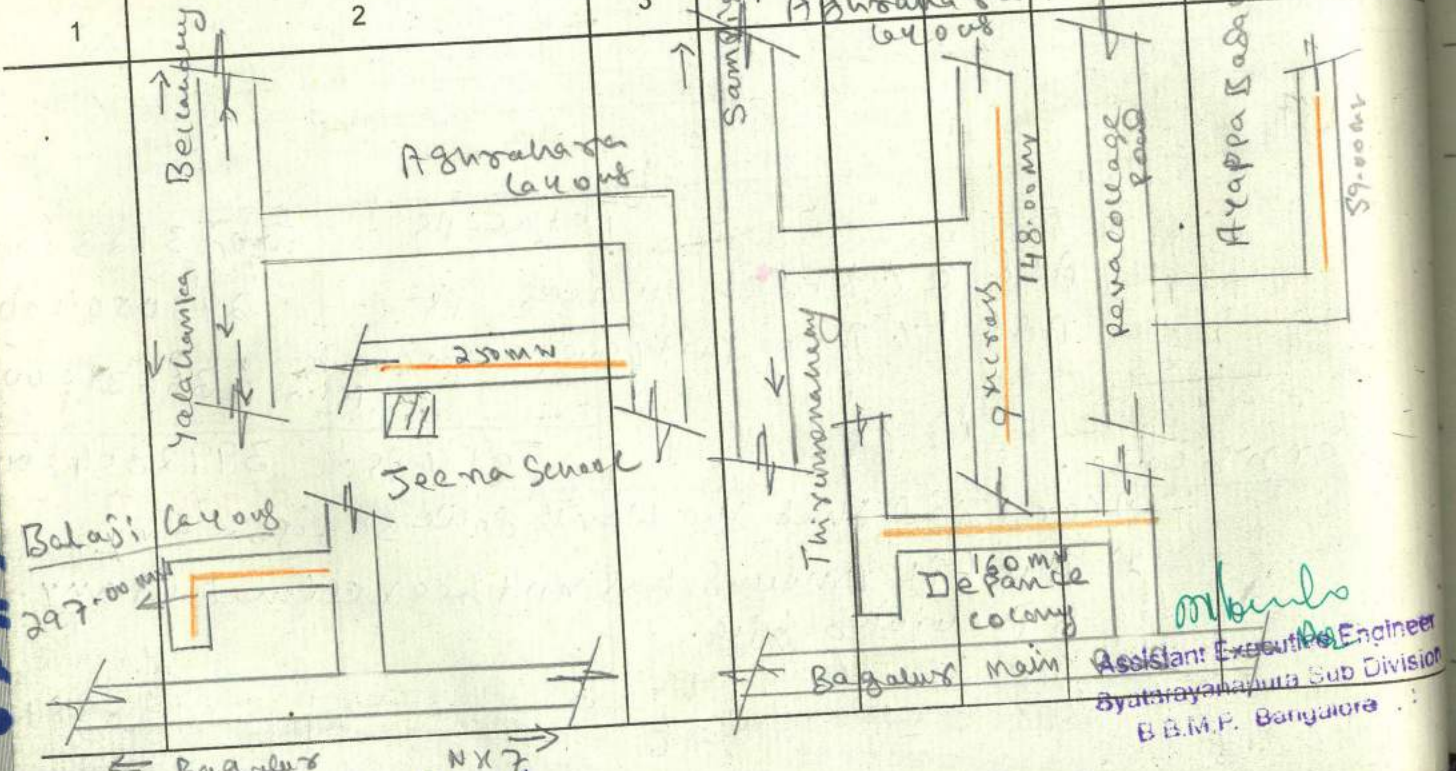
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

18/11/2016

ಸಹಾಯಕ ಅಭಿಯಂತರರು 18/11/2016
ಬ.ಬ.ಮ.ಪ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Sketching of Pipeline **MEASUREMENT BOOK**

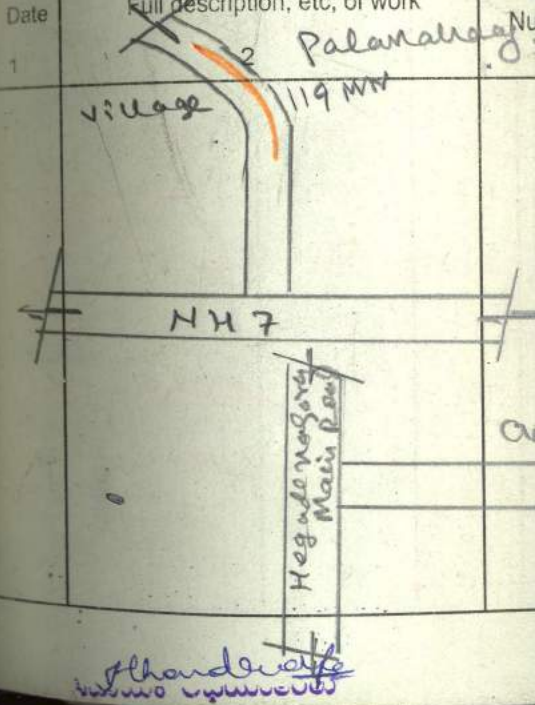
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	



OK

Depth 6	Contents 7	Reference to last Measurement 8
148.00 MW	Rava College Road	Ayappa Badavane 59.00 MW
160 MW		

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

262442

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Palamaranagi village 119 MW		I st cross		I st Main		Shivashankar layout 176.00 MW
	NH 7		Main Road				Bagalur Road
	Chokkanahalli layout						
	Hegadenagara Main Road		126 MW				
							Venkatarama Reddy house

Assistant Executive Engineer
Byatarayanapura Sub Division

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	39,35,760-00					39,35,760-00	
	ಒಟ್ಟು ಮೊತ್ತ ರೂ 3992185=00					Total Bill Rs 39,92,185-00	
	ಗುತ್ತಿಗೆ ದಾರರ ಹಣದ ಠೇವಣಿ ರೂ 283441-00					GT - 79843-00	
	ಮೊತ್ತ ರೂ 38,08,694-00					VAT - 159685-00	
	ಮೊತ್ತ ರೂ 34523,19-00					Cess - 39921-00	
						CBF - 3992-00	
						ESI 200,000-	
						Adj. 4,83,441-00	
						Cheque 38,08,694-00	
						34,52,319-00	
	29/11						

M. A. R.
Measu

Serial No. .....
Name of Work .....From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3